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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/641,356	
	Filing Date	August 14, 2003	
	First Named Inventor	Holger Mathiszik et al.	
	Art Unit	N/A; Confirmation No.: 1175	
	Examiner Name	N/A	
Total Number of Pages in This Submission	5	Attorney Docket Number	414-30676-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	The commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 02-0429 (414-30676-US)	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	David A. Walker, Reg. No. 52,334	
Signature		
Date	November 20, 2003	

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Typed or printed name	Beth Pearson Naul	
Signature		Date
		November 20, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Holger Mathiszik et al.	§	Group Art Unit: N/A
SERIAL NO.: 10/641,356	§	
FILED: August 14, 2003	§	Examiner: N/A
TITLE: "Apparatus and Method for Acoustic Position Logging Ahead- of-the-Bit"	§	Confirmation No.: 1175
	§	Atty Docket No.: 414-30676-US

MS: DD
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.

This Information Disclosure Statement is not to be considered as a representation that a search has been made or that no other material information as defined under 37 C.F.R. § 1.56(a) exists. The information disclosure statement submitted herewith is being filed before the mailing date of the first office action for this application.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0429 (414-30676-US).

Respectfully submitted,

David A. Walker, Reg. No. 52,334
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Dated: November 20, 2003

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this paper, along with any referred to as being attached or enclosed, is being forwarded to MS DD, Commissioner for Patents, Alexandria, Virginia 22313-1450, via the United States Postal Service, First Class Mail, prepaid on the 20th day of November, 2003.

By:
Beth Pearson-Naul



INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 414-30676-US	SERIAL NO. 10/641,356
	APPLICANT Holger Mathiszik et al.	
	FILING DATE August 14, 2003	GROUP / CONFIRMATION N/A / 1175

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	US2002/015 9332 A1	10/31/02	Thomann et al.	367	35	10/09/01
	AB	3,979,724	09/07/76	Silverman et al.	340	15.5 BH	06/03/74
	AC	4,671,379	06/09/87	Kennedy et al.	181	106	09/03/85
	AD	4,993,001	02/12/91	Winbow et al.	367	144	03/15/90
	AE	5,001,675	03/19/91	Woodward	367	13	09/13/89
	AF	5,083,124	01/21/92	Nordstrom	340	853	04/17/90
	AG	5,126,564	06/30/92	Perry et al.	250	254	04/17/90

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO	
	AH							
	AI							
	AJ							

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

	AK	Stephen G. O'Hara; <i>Elastic-wave attenuation in fluid-saturated Berea sandstone</i> , Geophysics, Vol. 54, No. 6, (June 1989), pp. 785-788, 5 Figs.
	AL	
	AM	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant



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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA	5,134,285	07/28/92	Perry et al.	250	269	01/15/91
BB	5,144,126	09/01/92	Perry et al.	250	254	04/17/90
BC	5,371,330	12/06/94	Winbow	181	106	08/06/93
BD	5,678,643	10/21/97	Robbins et al.	175	45	10/18/95
BE	5,936,913	08/10/99	Gill et al.	367	25	07/24/97
BF	6,023,443	02/08/00	Dubinsky et al.	367	76	07/08/98
BG	6,084,826	07/04/00	Leggett III	367	82	05/26/98

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
BH					
BI					
BJ					

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

BK	
BL	
BM	

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	CA	6,166,994	12/26/00	Jeffryes	367	57	01/06/99
	CB	6,175,536	01/16/01	Khan	367	32	05/01/97
	CC	6,427,124	07/30/02	Dubinsky et al.	702	9	07/06/99
	CD	6,440,075	08/27/02	Averkioiu	600	443	08/06/01
	CE	6,478,107	11/12/02	Birchak et al.	181	113	05/04/00
	CF						
	CG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	CH							
	CI							
	CJ							

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

	CK	
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